

WEST Search History for Application 10542869

Creation Date: 2009112013:31

((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background) AND @pd>20081219PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-19-2008

((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-19-2008

(switch\$4) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-19-2008

(threshold) and ((switch\$4) and ((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-19-2008

(6510224.pn.) and (threshold)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-19-2008

(dtx) and (switch\$5 same threshold)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-19-2008

((speech or voice) near2 (activity)) and ((dtx) and (switch\$5 same threshold))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-19-2008

((((speech or voice) near2 (activity)) and (dtx) and (switch\$5 same threshold))) and (noise)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-19-2008

((((speech or voice) near2 (activity)) and (dtx) and (switch\$5 same threshold)) and (noise)) and (video or visual)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-19-2008

((((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background))) or (20050027520.pn.)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-19-2008

(event) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background)) or (20050027520.pn.))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-19-2008

(microphone) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background)) or (20050027520.pn.))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-19-2008

(threshold or energy or power) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background)) or (20050027520.pn.))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-19-2008

((threshold or energy or power) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background)) or (20050027520.pn.))) AND @pd>20081219PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008

((threshold or energy or power) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background)) or (20050027520.pn.)))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008

(amplitude) and (((threshold or energy or power) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background)) or (20050027520.pn.))))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008

(near-end) and (((threshold or energy or power) and (((noise and 6483532.pn. and noise and

((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background)) or (20050027520.pn.))))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 (analog or digit\$3) and (((threshold or energy or power) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background)) or (20050027520.pn.))))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 (fourier or transform\$5) and (((threshold or energy or power) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background)) or (20050027520.pn.))))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 (noise power near2 density) near4 (estimat\$6)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 (subtract\$5 near3 noise) and ((noise power near2 density) near4 (estimat\$6))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 abebe and ((subtract\$5 near3 noise) and (noise power near2 density) near4 (estimat\$6))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 (abebe and ((subtract\$5 near3 noise) and (noise power near2 density) near4 (estimat\$6))) AND @pd>20081220PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 ((subtract\$5 near3 noise) and ((noise power near2 density) near4 (estimat\$6))) AND @pd>20081220PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 ((subtract\$5 near3 noise) and ((noise power near2 density) near4 (estimat\$6)))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 ((speech or voice) near2 (recogni\$5)) and (((subtract\$5 near3 noise) and ((noise power near2 density) near4 (estimat\$6))))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 (inverse near2 transform\$6) and (((subtract\$5 near3 noise) and ((noise power near2 density) near4 (estimat\$6))))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 (recogn\$5) and (((subtract\$5 near3 noise) and ((noise power near2 density) near4 (estimat\$6))))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 (recogn\$5) and ((inverse near2 transform\$6) and ((subtract\$5 near3 noise) and ((noise power near2 density) near4 (estimat\$6))))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 10/542869PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 (10/542869) and phone\$5PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 ((10/542869 and phone\$5)) or (20030118475.pn. or 6483532.pn.)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 (phone or vis\$5) and ((10/542869 and phone\$5) or (20030118475.pn. or 6483532.pn.))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 (phone\$4 or vis\$5) and ((10/542869 and phone\$5) or (20030118475.pn. or 6483532.pn.))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 ((10/542869 and phone\$5)) or (20030018475.pn. or 6483532.pn.)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 (phone\$4 or vis\$4) and ((10/542869 and phone\$5) or (20030018475.pn. or 6483532.pn.))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 (20030118475.pn. or 6483532.pn.) and (lip or fac\$5)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 (20030018475.pn. or 6483532.pn.) and (lip or fac\$5)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 12-20-2008
 (5706394.pn.) or (10/542869)PGPB, USPT ADJ YES 12-21-2008

(((5706394.pn.) or (10/542869))) and (compar\$5 or correlat\$4 or amplitude)PGPB,
 USPT ADJ YES 12-21-2008
 ((((5706394.pn.) or (10/542869)) and (compar\$5 or correlat\$4 or amplitude))) and
 (filter\$4)PGPB, USPT ADJ YES 12-21-2008
 ((((5706394.pn.) or (10/542869)) and (compar\$5 or correlat\$4 or amplitude))) and (buffer\$4
 or delay\$4)PGPB, USPT ADJ YES 12-21-2008
 (20030018475.pn.) and (visual near3 speech)PGPB, USPT ADJ YES 12-21-2008
 (adjust\$4 near4 frequency) and ((5706394.pn.) or (10/542869))PGPB,
 USPT ADJ YES 12-21-2008
 (add\$4 or sum\$4 or combin\$6) and ((20030018475.pn.) and (visual near3 speech))PGPB,
 USPT ADJ YES 12-21-2008
 (telephon\$4 or \$phone) and (20030018475.pn. or 6483532.pn.)PGPB,
 USPT ADJ YES 12-21-2008
 (communicati\$5) and (20030018475.pn. or 6483532.pn.)PGPB, USPT ADJ YES 12-21-2008
 (software or program or hardware)PGPB, USPT ADJ YES 12-21-2008
 ((software or program or hardware)) and ((5706394.pn.) or (10/542869))PGPB,
 USPT ADJ YES 12-21-2008
 (((5706394.pn.) or (10/542869)) and (compar\$5 or correlat\$4 or amplitude))PGPB,
 USPT ADJ YES 12-21-2008
 (((5706394.pn.) or (10/542869)) and (compar\$5 or correlat\$4 or amplitude)) and
 (computer)PGPB, USPT ADJ YES 12-21-2008
 20030018475.pn. or 6483532.pn.PGPB, USPT, USOC, EPAB, JPAB, DWPI,
 TDBD ADJ YES 06-15-2009
 (noise or background) and (20030018475.pn. or 6483532.pn.)PGPB, USPT, USOC, EPAB,
 JPAB, DWPI, TDBD ADJ YES 06-15-2009
 (Girod adj2 Bernd).in.PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-15-2009
 (noise) and ((Girod adj2 Bernd).in.)PGPB, USPT, USOC, EPAB, JPAB, DWPI,
 TDBD ADJ YES 06-15-2009
 20030018475.pn.PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-15-2009
 (Basu adj2 Sankar).in.PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-15-2009
 ((remov\$4 or subtract\$4 or cancel\$6) near3 (noise)) and ((Basu adj2 Sankar).in.)PGPB,
 USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-15-2009
 (voice activity) and (video camera)PGPB, USPT, USOC, EPAB, JPAB, DWPI,
 TDBD ADJ YES 06-15-2009
 ((remov\$4 or subtract\$4 or cancel\$6) near3 (noise)) and ((voice activity) and (video camera)
)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-15-2009
 20040133421.pn. and (image or video or camera)PGPB, USPT, USOC, EPAB, JPAB, DWPI,
 TDBD ADJ YES 06-15-2009

Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
20030018475.pn. or 20040133421.pn. or 6483532.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		11-20-2009
10/543869	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		11-20-2009
(10/543869) and (discret\$6)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		11-20-2009

10/542869	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		11-20-2009
(10/542869) and (discret\$6)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		11-20-2009